

WHAT IS CLAIMED IS:

1. A dry electrophotographic toner particle incorporating an amphipathic copolymer incorporating one or more polymerizable crystallizable compounds, wherein the  
5 amphipathic copolymer comprises one or more S portions and one or more D portions.
2. The dry electrophotographic toner particle according to claim 1, further comprising a charge control agent.
- 10 3. The dry electrophotographic toner particle according to claim 2, wherein the charge control agent imparts a positive polarity to said toner particle.
4. The dry electrophotographic toner particle according to claim 1, further comprising at least one visual enhancement additive.
- 15 5. The dry electrophotographic according to claim 4, wherein the at least one visual enhancement additive is a pigment.
6. The dry electrophotographic toner particle according to claim 1, wherein the  
20 amphipathic copolymer has a glass transition temperature in the range of 0°C to 100°C.
7. The dry electrophotographic toner particle according to claim 6, wherein the S portion of the amphipathic copolymer has a glass transition temperature calculated using the Fox equation of at least 0°C.
- 25 8. The dry electrophotographic toner particle according to claim 6, wherein the D portion of the amphipathic copolymer has a glass transition temperature calculated using the Fox equation in the range of 60°C to 105°C.
- 30 9. The dry electrophotographic toner particle according to claim 1, wherein one or more of the S portions comprises one or more PCC.

10. The dry electrophotographic toner particle according to claim 9, wherein the one or more PCC is present in an amount up to about 30% by weight of the S portion.

5 11. The dry electrophotographic toner particle according to claim 1, wherein one or more of the D portions comprises one or more PCC.

12. The dry electrophotographic toner particle according to claim 11, wherein the one or more PCC is present in an amount up to about 30% by weight of the D portion.

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13. The dry electrophotographic toner particle according to claim 9 or 11, wherein the one or more PCC is a polymerizable monomer selected from the group consisting of alkylacrylates where the alkyl chain contains more than 13 carbon atoms, alkylmethacrylates where the alkyl chain contains more than 17 carbon atoms, and combinations thereof.

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14. The dry electrophotographic toner particle according to claim 13 wherein the one or more PCC is a polymerizable monomer selected from the group consisting of hexacontanyl (meth)acrylate, pentacosanyl (meth)acrylate, behenyl (meth)acrylate, octadecyl (meth)acrylate, hexadecyl acrylate, tetradecyl acrylate, and combinations thereof.

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15. The dry electrophotographic toner particle according to claim 1 wherein one or more of the S portions and one or more of the D portions comprise one or more PCC.

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16. A method of making dry electrophotographic toner particles, comprising steps of:  
a) providing an organosol comprising a plurality of binder particles dispersed in a substantially nonaqueous liquid carrier, wherein the binder particles incorporate at least one amphipathic copolymer, and wherein the amphipathic copolymer incorporates one or more polymerizable, crystallizable compounds; and

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b) drying the organosol to form dry toner particles.

17. The method according to claim 16, further comprising the step of causing the organosol to mixingly contact one or more visual enhancement additives.

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18. The method according to claim 17, further comprising the step of causing the organosol to mixingly contact one or more charge directing agents.

19. The method according to claim 16, wherein the step of drying is accomplished while the organosol remains in a fluidized state.

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20. A method of making dry electrophotographic toner particles, comprising steps of:

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- a) providing an organosol comprising a plurality of binder particles dispersed in a substantially nonaqueous liquid carrier; wherein the binder particles incorporate at least one amphipathic copolymer, the amphipathic polymer incorporating one or more polymerizable crystallizable compounds; and
- b) incorporating the binder particles into a plurality of dry electrophotographic toner particles.

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21. A method of electrographically forming an image on a substrate surface, comprising steps of:

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- a) providing a plurality of dry toner particles, the dry toner particles incorporating an amphipathic copolymer, the amphipathic copolymer incorporating one or more polymerizable crystallizable compounds; and
- b) causing an image comprising the toner particles to be formed on the substrate surface.

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22. The method according to claim 21, wherein the step of providing a plurality of dry toner particles comprises providing a plurality of dry toner particles comprising at least one visual enhancement additive.

23. A method of electrophotographically forming an image on a substrate surface, comprising steps of:

- 5 a) providing a plurality of dry toner particles, the toner particles comprising polymeric binder incorporating an amphipathic copolymer, the amphipathic copolymer chemically incorporating one or more polymerizable crystallizable compounds;
- b) causing an image comprising the toner particles to be formed on a charged photoreceptor surface; and
- 10 c) transferring the image from the charged photoreceptor surface to the substrate surface.

24. The method according to claim 23, wherein the step of providing a plurality of dry toner particles comprises providing a plurality of dry toner particles comprising at least one visual enhancement additive.

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